

14 September 1998

AGREEMENT

**CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS
FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED AND/OR
BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR RECIPROCAL RECOGNITION
OF APPROVALS GRANTED ON THE BASIS OF THESE PRESCRIPTIONS**

(Revision 2, including the amendments entered into force on 16 October 1995)

Addendum 47: Regulation No. 48

Revision 1 - Amendment 2

Incorporating:

Supplement 2 to the 01 series of amendments - Date of entry into force: 3 September 1997

Supplement 3 to the 01 series of amendments - Date of entry into force: 3 January 1998

Corrigendum 1 to Suppl.3 to the 01 series of amendments subject of depositary notification

C.N.72.1998.TREATIES-31 dated 9 March 1998

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES WITH REGARD TO THE
INSTALLATION OF LIGHTING AND LIGHT-SIGNALLING DEVICES**



UNITED NATIONS

⌚ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.98-22977

Paragraph 4.4.1... footnote 3/, amend to read:

- "3/ 24 for Ireland, 25 for Croatia, 26 for Slovenia, 27 for Slovakia, 28 for Belarus, 29 for Estonia, 30 (vacant), 31 for Bosnia and Herzegovina, 32-36 (vacant), 37 for Turkey, 38-39 (vacant) and 40 for The former Yugoslav Republic of Macedonia. Subsequent numbers to the Agreement Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions, ..."

Insert a new paragraph 5.23.. to read:

- "5.23. Any temporary fail-safe replacement of the light-signalling function of a rear position lamp is allowed, provided that the substituting function in case of a failure is similar in colour, main intensity and position to the function that has ceased to operate and provided that the substituting device remains operational in its original safety function. During substitution, a tell-tale on the dashboard (see para. 2.18. of this Regulation) shall indicate occurrence of a temporary replacement and need for repair."

Paragraph 6.2.4.2, add at the end the following text (including also a new footnote */) :

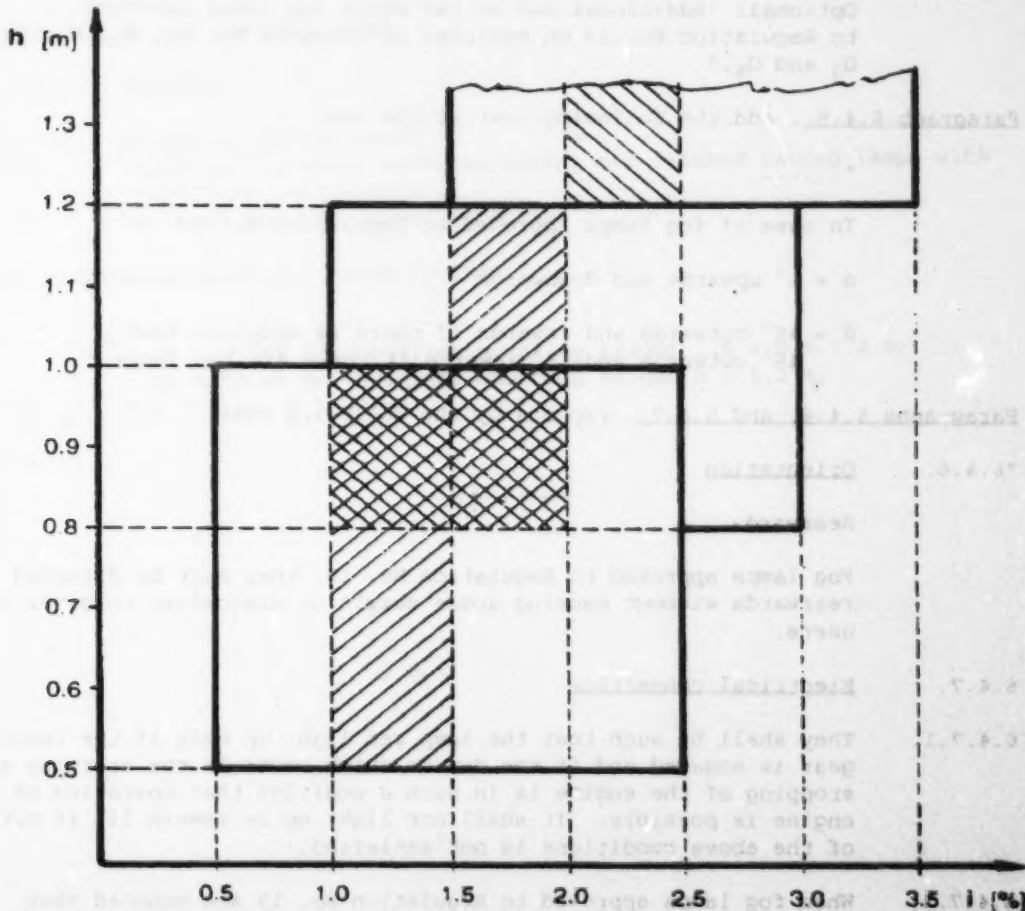
"....For category N₃G (off-road) vehicles */ , the maximum height may be increased to 1500 mm

*/ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3), annex 7 (document TRANS/WP.29/78/Rev.1) "

Paragraph 6.2.6.1.2, add at the end the following text:

"....For category N₃G (off-road) vehicles where the headlamps exceed a height of 1200 mm, the limits for the vertical inclination of the cut-off shall be between: -1.5% and -3.5%. The initial aim shall be set between: -2% and -2.5%"

and replace the diagram by the following:



Paragraph 6.3.8., amend to read:

"6.3.8. Tell-tale

Circuit-closed tell-tale mandatory. An independent non-flashing warning light."

Paragraph 6.4.2., amend to read:

"6.4.2. Number

One or two on all vehicles.

Optional: Additional one or two white fog lamps approved to Regulation No. 19 on vehicles of category N₂, N₃, M₂, M₃, O₂, O₃ and O₄."

Paragraph 6.4.5., add the following text at the end:

".....

In case of fog lamps approved to Regulation No. 19:

α = 5° upwards and downwards

β = 45° outwards and inwards if there is only one lamp
45° outwards and 10° inwards if there are two lamps."

Paragraphs 6.4.6. and 6.4.7., replace by the following text:

"6.4.6. Orientation

Rearwards

Fog lamps approved to Regulation No. 19: they must be directed rearwards without causing undue dazzle or discomfort to other road users.

6.4.7. Electrical connection

6.4.7.1. They shall be such that the lamp can light up only if the reverse gear is engaged and if the device which controls the starting and stopping of the engine is in such a position that operation of the engine is possible. It shall not light up or remain lit if either of the above conditions is not satisfied.

6.4.7.2. When fog lamps approved to Regulation No. 19 are mounted they shall be switched on and off separately while at the same time the conditions of paragraph 6.4.7.1. remain satisfied. When one of the conditions of paragraph 6.4.7.1 is no longer satisfied, the lamp(s) shall be switched off, and remain off until the conditions of paragraph 6.4.7.1. are fulfilled and the lamp(s) are deliberately switched on again."

Paragraph 6.9.4.2., amend to read:

"6.9.4.2. In height: above the ground, not less than 350 mm nor more than 1,500 mm (2,100 mm for O₁ and O₂ categories of vehicles, or if for any other categories of vehicles the shape of the bodywork makes it impossible to keep within 1,500 mm)."

Paragraph 6.11.4.2., add at the end the following text:

".....For category N₃G (off-road) vehicles, the maximum height may be increased to 1200 mm".

Paragraph 6.16.1., amend to read:

"6.16.1. Presence

Mandatory on trailers.

Mandatory on motor vehicles having all forward facing lamps with reflectors concealable.

Optional on other motor vehicles."

Annex 9, paragraph 1.3.2., amend to read:

".....

0.7% to 3.3% for headlamp mounting height $1.0 < h \leq 1.2$ m;

1.2% to 3.8% for headlamp mounting height $h > 1.2$ m.

The states of loading"
